

**IN THE SPECIFICATION:**

Please REPLACE the paragraph beginning at page 11, line 2, with the following paragraph:

As shown in FIGS. 1 and 2, the resin lenses 21c are arranged on the undercoat layer 17 to form a matrix. About square resin lenses 21c are shown in the drawings of the plain view. However, the shape of the resin lens 21c is irrelevant to the technical idea of the present invention. For example, it is possible for the resin lens 21c to be circular in the plain view.

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Please REPLACE the paragraph beginning at page 11, line 22, with the following paragraph:

The transparent resin layer 31 is a thin layer covering each of the resin lenses 21c and the exposed undercoat layer 17. The resin lens 21c and a part of the transparent resin layer 31 positioned to cover the resin lens 21c collectively form a micro lens 40 as shown in FIGS. 2, 3A and 3B. Specially, shown in FIGS. 2 and 3A, the portion of the transparent resin layer 31 formed in the ditch 22 serves to narrow the gap between adjacent micro lenses 40. Also, that portion of the transparent resin layer 31 which is positioned on the resin lens 21c serves to increase the area of the light receiving region.

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Please REPLACE the paragraph beginning at page 19, line 15, with the following paragraph:

The thickness of the transparent resin layer 31 and the state of burying the ditch 22 with the transparent resin layer 31 after coating of the transparent resin are affected by, for example, the polarity of the solvent used, the agglomerating force of the resin used, the thixotropic properties, the presence or absence and the addition amount of a surfactant, the liquid temperature, the substrate temperature, the conditions of the undercoat layer, and the coating conditions. Specially, in order to reproduce in the sub-micron region the gap between adjacent micro lenses, it is necessary to determine the sufficient conditions. As a result of an extensive research, the present inventors have found that it is necessary for the transparent resin layer 31 to have a thickness not larger than 0.3  $\mu\text{m}$  in order to reproduce in the sub-micron region the

gap between adjacent micro lenses 40 in the side direction of the micro lens array. If the thickness of the transparent resin layer 31 exceeds  $0.3\ \mu\text{m}$ , the ditch ~~21~~22 between adjacent resin lenses 21c is filled up too much, resulting in failure to obtain a narrow gap. Also, where the thickness of the transparent resin layer 31 is not larger than  $0.03\ \mu\text{m}$ , the coating solution of the resin forms a thin solution and, thus, is rendered unstable, resulting in failure to form a uniform film in the coating step.